STEPHANIE DALQUIST	skd@mit.edu	(617) 354 3497
	97 Moore Street #2	2, Cambridge MA 02139
EDUCATION		
Massachusetts Institute of Technology – Cambridge, MA		
M.S. in Technology and Policy	J	lune 2003 – June 2005
Thesis: "Opportunities for Technological and Economic Develop	pment Policy in Brazil"	
Relevant courses include:		
Economic Development and Technological Capabilities	• System Dynamics at M	IIT Sloan
<ul> <li>Economics for Business Decisions</li> </ul>	• Law, Technology, and	Public Policy
M.Eng. in Materials Science and Engineering	J	June 2002 – June 2003
Thesis: "Process Modifications for Improved Optical Characteris	tics of K-Type Polarizer"	
Relevant courses include:		
Materials Selection, Design, and Economics	• Industry, Technology, a	and Ecology
B.S. in Chemical Engineering	Septem	1998 – June 2002
Relevant courses include:		
Industrial Ecology	• Developmental Entrepr	eneurship
Environmentally Benign Manufacturing	• Drug Development in F	Practice
<ul> <li>Perform research into best practices of technology dissemination</li> <li>Lead MIT projects in Brazil, including technical work and long</li> <li>Project leader for technical communications exchange at Cape</li> <li>Co-develop and co-teach course on technology dissemination in</li> <li>MIT: Sustainable Energy: Choosing Among Options, <i>Teaching Ass.</i></li> <li>Taught graduate students the basics of energy production and a evaluation and appropriateness.</li> <li>MIT: Lab for Manufacturing and Productivity, <i>Research Associate</i></li> <li>Performed analysis of environmental impact of manufacturing</li> <li>Consulted on decision-making related to sustainability and environmental systems Division, Norwood, MA, <i>Research Intern</i></li> <li>Worked closely with process engineers to improve characteristic</li> <li>Explored dichroic dyes in polarizers, making significant steps to MIT: Media Lab, <i>Undergraduate Researcher</i></li> <li>Designed process for creation of porous silicon nanoparticles u</li> <li>MIT: Department of Chemical Engineering, <i>Undergraduate Research</i></li> </ul>	on in developing countries. s-term partnerships. Peninsula University of Tecl n developing countries. sistant Janu nalysis, emphasizing the imp September processes, emphasizing ener ironmental factors in design May – September 2001 ics of high-end polarizers. to include this technology in Septen using ideal anodization. rcher Septen ication and sol-gel technique	hnology, South Africa. <b>ary 2005 – June 2005</b> portance of technology <b>r 2003 – January 2005</b> gy and material flows. and manufacturing. <b>; January – May 2003</b> new products. <b>nber 2000 – June 2002</b> <b>aber 1999 – June 2000</b> es with a short term goal
or integrating synthesis and detection on the same chip.		

## LANGUAGES

Native English speaker. Fluent in Portuguese, French, and Spanish. Basic Japanese, Vietnamese, Mandarin. **CONFERENCES AND PUBLICATIONS** 

- Moderator, "Students' Challenge in Sustainability Education," Integrated Research System for Sustainability Science-Asian Institute of Technology Joint Symposium on Sustainability Science, 2006, Thailand.
- Moderator, "Communication for Sustainability," Meeting of the Alliance for Global Sustainability, 2006, Thailand.
- Panelist, "Social Entrepreneurship," MIT \$50K Global Startup Workshop, 2005, United Arab Emirates.
- MIT Representative, University of Tokyo –AIT Intensive Program on Sustainability, Thailand, 2005.
- Co-author, "Environmental Analysis of Manufacturing Processes," 2005 NSF DMII.
- Lead author, "Life Cycle Analysis of Conventional Manufacturing Techniques: Sand Casting," ASME 2004.
- Co-author, "Origins of Anomalous Micellization in Diblock Copolymer Solutions," Langmuir.

## ADDITIONAL ACHIEVEMENTS

- 2003 Ideas that Matter grant recipient for social norms marketing in MIT community.
- MIT \$1K Entrepreneurship Competition winning business proposal team, Dlo Pròp, 2001.
- Shell Gourami Business Challenge, Spain; multidisciplinary business simulation, 2001.
- Recipient of the 2001 3M Scholars Scholarship.